

## REMARKS

### *Present Status of Application*

The Examiner is thanked for the thorough examination of this application. The Office Action, however, tentatively rejected all claims under 35 U.S.C 102 (e) as allegedly anticipated by Van Gong (U.S. Patent Number 6,370,565). Claims 1, 6-9, and 14-16 have been amended to address and overcome certain 35 USC 112 rejections, which were set forth in the Office Action.

### *Rejections under 35 U.S.C. 102*

As noted above, claims 1-16 were tentatively rejected under 35 U.S.C 102 (e) as allegedly anticipated by Van Gong. These rejections are respectfully traversed.

In regard to independent claims 1 and 9, claim 1 (for example) recites:

1. A system of real-time interaction for multiple objects, comprising:
  - a scene dividing module for dividing a main scene into a first scene and a second scene, and determining the adjacent area of the first scene and the second scene;
  - a first control unit for controlling at least one object in the first scene;
  - a second control unit for controlling at least one object in the second scene; and
  - a synchronization module to enable the first control unit to synchronize with the second control unit if the status incidence of the objects controlled by the first control unit or the second control unit overlaps the adjacent area of the first scene and the second scene.***

Claim 1 (and claim 9 for similar reasons) defines over Van Gong for at least the reason that Van Gong fails to disclose the features emphasized above.

Applicants respectfully traverse the rejections for at least the reason that Van Gong does not teach or suggest what the Office Action alleges that it teaches. In this regard, Van Gong fails

to disclose, suggest, or teach, inter alia, the following features recited by above claims of the present application:

“enable the first control unit to synchronize with the second control unit if *the status incidence of the objects* controlled by the first control unit or the second control unit *overlaps the adjacent area of the first scene and the second scene*”.

In col. 7, lines 36-38, Van Gong states “...an aura represents a zone surrounding a particular entity. That particular entity may interact with other entities located inside its aura”. In Fig. 5, col. 8, lines 18-35, Van Gong discloses that the entity 640d is grouped together if the entity is located within the aura of entity 640c. It means if the entity 640d enters the aura (Area of Interest) of entity 640c, entities 640c and 640d are grouped. In the present claimed embodiments, however, the synchronization between the first control unit and the second control unit is performed if the status incidence (Area of Interest) of one object overlaps *the adjacent area of the first scene and the second scene, but not the status incidence of another object*. The adjacent area is predefined between the first and second scenes. In a case, if the area of interest of two objects does not overlap with each other and partially overlap with the adjacent area of the first and second scenes, the synchronization between the first control unit and the second control unit is performed. The timing for grouping in Van Gong and that for synchronization in the present invention is different.

As Van Gong fails to teach all of the claimed features of independent claim 1 (and similarly independent claim 9), these independent claims patently define over Van Gong. Insofar as claims 2-8 directly or indirectly depend from claim 1, and claims 10-16 directly or indirectly depend from claim 9, these claims define over the cited art for at least the same reasons.

## CONCLUSION

In view of the foregoing, it is believed that all pending claims are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

No fee is believed to be due in connection with this amendment and response to Office Action. If, however, any fee is believed to be due, you are hereby authorized to charge any such fee to deposit account No. 20-0778.

Respectfully submitted,

By:



Daniel R. McClure  
Registration No. 38,962

**Thomas, Kayden, Horstemeyer & Risley, LLP**  
100 Galleria Pkwy, NW  
Suite 1750  
Atlanta, GA 30339  
770-933-9500